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**United States Patent** [19][11] **Patent Number:** **5,146,615****Hodsdon et al.**[45] **Date of Patent:** **Sep. 8, 1992****[54] INTERCHANGEABLE CONTROL PANELS  
AND KEYPADS FOR RADIO  
TRANSCIVERS AND RELATED PROCESS**

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Holding Inc.**, Lynchburg, Va.**[21] Appl. No.:** **390,254****[22] Filed:** **Aug. 7, 1989****[51] Int. Cl.<sup>5</sup> .....** **H04B 1/38****[52] U.S. Cl. ....** **455/90; 455/128;  
455/351; 340/711****[58] Field of Search .....** **455/89, 90, 128, 347,  
455/348, 349, 351, 343; 200/309; 340/711;  
341/22, 23****[56] References Cited****U.S. PATENT DOCUMENTS**

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**[57] ABSTRACT**

A radio transceiver comprising a housing including a front cover, a plurality of interchangeable control panels adapted for selective alternative attachment to the front cover, and a plurality of interchangeable keypads adapted for selective alternative attachment to the front cover in underlying relationship with a respective one of the control panels, wherein each control panel is configured for use with a similarly configured one of the keypads. Each of the control panels comprises a relatively thin planar member having front and rear faces and defined by upper, lower and a pair of side edges, and includes a projection or locking bar extending along and away from the upper edge, and fastening means located adjacent the lower edge. A standardized electronic circuit board is provided within the unit, some or all of the switches included on the circuit being accessible, depending on the particular keypad and control panel employed.

**4 Claims, 4 Drawing Sheets**